

## RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/S26/S71  
Source: PCT  
Date Processed by STIC: 5/13/06

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 02/13/2006

PATENT APPLICATION: US/10/526,571

TIME: 13:08:23

Input Set : A:\0380-P03584US0 seq listing.txt

Output Set: N:\CRF4\02132006\J526571.raw

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5 <110> APPLICANT: Zhu, Jiahui
7 <120> TITLE OF INVENTION: Genome Partitioning
10 <130> FILE REFERENCE: 0380-P03584US0
12 <140> CURRENT APPLICATION NUMBER: 10/526,571
13 <141> CURRENT FILING DATE: 2005-03-04
15 <150> PRIOR APPLICATION NUMBER: PCT/GB2003/003866
16 <151> PRIOR FILING DATE: 2003-09-05
18 <150> PRIOR APPLICATION NUMBER: GB 0220649.8
19 <151> PRIOR FILING DATE: 2002-09-05
21 <150> PRIOR APPLICATION NUMBER: GB 0220773.6
22 <151> PRIOR FILING DATE: 2002-09-06
24 <160> NUMBER OF SEQ ID NOS: 21
26 <170> SOFTWARE: PatentIn version 3.1
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 19
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Example core sequence
36 <400> SEQUENCE: 1
37 cgtagacgat gcgtgagac 19
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 11
42 <212> TYPE: DNA
43 <213> ORGANISM: Artificial sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Core sequence
48 <400> SEQUENCE: 2
49 ttggcggttta c 11
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 11
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Enhancing linker
60 <400> SEQUENCE: 3
61 cggtaaacgc c 11
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 13
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Enhancing linker

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```

72 <400> SEQUENCE: 4
73 aattgtaaac gcc 13
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 11
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Enhancing linker
84 <400> SEQUENCE: 5
85 atgtaaacgc c 11
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 13
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Enhancing linker
96 <220> FEATURE:
97 <221> NAME/KEY: misc_feature
98 <222> LOCATION: (2)..(2)
99 <223> OTHER INFORMATION: u is uracil
101 <220> FEATURE:
102 <221> NAME/KEY: misc_feature
103 <222> LOCATION: (3)..(3)
104 <223> OTHER INFORMATION: y is pyrimidine
106 <400> SEQUENCE: 6
107 cuyggtaaac gcc 13
110 <210> SEQ ID NO: 7
111 <211> LENGTH: 13
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Enhancing linker
118 <220> FEATURE:
119 <221> NAME/KEY: misc_feature
120 <222> LOCATION: (2)..(2)
121 <223> OTHER INFORMATION: y is pyrimidine
123 <220> FEATURE:
124 <221> NAME/KEY: misc_feature
125 <222> LOCATION: (3)..(3)
126 <223> OTHER INFORMATION: u is uracil
128 <400> SEQUENCE: 7
129 gyucgtaaac gcc 13
132 <210> SEQ ID NO: 8
133 <211> LENGTH: 15
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Enhancing linker
140 <220> FEATURE:

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141 <221> NAME/KEY: misc_feature
142 <222> LOCATION: (12)..(12)
143 <223> OTHER INFORMATION: u is uracil
145 <220> FEATURE:
146 <221> NAME/KEY: misc_feature
147 <222> LOCATION: (15)..(15)
148 <223> OTHER INFORMATION: y is pyrimidine
151 <400> SEQUENCE: 8
152 ttggcggttta cugcy 15
155 <210> SEQ ID NO: 9
156 <211> LENGTH: 11
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Enhancing linker
163 <400> SEQUENCE: 9
164 tagtaaacgc c 11
167 <210> SEQ ID NO: 10
168 <211> LENGTH: 13
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Enhancing linker
175 <220> FEATURE:
176 <221> NAME/KEY: misc_feature
177 <222> LOCATION: (2)..(3)
178 <223> OTHER INFORMATION: n is a or g or c or t/u, or other
180 <400> SEQUENCE: 10
W--> 181 cnnggtaaacc gcc 13
184 <210> SEQ ID NO: 11
185 <211> LENGTH: 13
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Enhancing linker
192 <220> FEATURE:
193 <221> NAME/KEY: misc_feature
194 <222> LOCATION: (12)..(12)
195 <223> OTHER INFORMATION: u is uracil
197 <220> FEATURE:
198 <221> NAME/KEY: misc_feature
199 <222> LOCATION: (13)..(13)
200 <223> OTHER INFORMATION: y is pyrimidine
202 <400> SEQUENCE: 11
203 ttggcggttta cuy 13
206 <210> SEQ ID NO: 12
207 <211> LENGTH: 14
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial sequence

```

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```

211 <220> FEATURE:
212 <223> OTHER INFORMATION: Enhancing linker
214 <220> FEATURE:
215 <221> NAME/KEY: misc_feature
216 <222> LOCATION: (3)..(3)
217 <223> OTHER INFORMATION: n is a or g or c or t/u, or other
219 <400> SEQUENCE: 12
W--> 220 ccngggtaaa cgcc 14
223 <210> SEQ ID NO: 13
224 <211> LENGTH: 13
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: Enhancing linker
231 <400> SEQUENCE: 13
232 gatcgtaaac gcc 13
235 <210> SEQ ID NO: 14
236 <211> LENGTH: 13
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Enhancing linker
243 <400> SEQUENCE: 14
244 ggccgtaaac gcc 13
247 <210> SEQ ID NO: 15
248 <211> LENGTH: 15
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Enhancing linker
255 <400> SEQUENCE: 15
256 ttggcgttta cgcgc 15
259 <210> SEQ ID NO: 16
260 <211> LENGTH: 13
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Enhancing linker
267 <400> SEQUENCE: 16
268 ttggcgttta ccg 13
271 <210> SEQ ID NO: 17
272 <211> LENGTH: 12
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Enhancing linker
279 <220> FEATURE:
280 <221> NAME/KEY: misc_feature
281 <222> LOCATION: (2)..(2)

```

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PATENT APPLICATION: US/10/526,571

TIME: 13:08:23

Input Set : A:\0380-P03584US0 seq listing.txt

Output Set: N:\CRF4\02132006\J526571.raw

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282 <223> OTHER INFORMATION: n is a or g or c or t/u, or other
284 <400> SEQUENCE: 17
W--> 285 antgtaaacg cc 12
288 <210> SEQ ID NO: 18
289 <211> LENGTH: 15
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Enhancing linker
296 <400> SEQUENCE: 18
297 ttggcggttta ccatg 15
300 <210> SEQ ID NO: 19
301 <211> LENGTH: 12
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Enhancing linker
308 <220> FEATURE:
309 <221> NAME/KEY: misc_feature
310 <222> LOCATION: (2)..(2)
311 <223> OTHER INFORMATION: n is a or g or c or t/u, or other
313 <400> SEQUENCE: 19
W--> 314 gncgtaaacg cc 12
317 <210> SEQ ID NO: 20
318 <211> LENGTH: 13
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Enhancing linker
325 <220> FEATURE:
326 <221> NAME/KEY: misc_feature
327 <222> LOCATION: (2)..(2)
328 <223> OTHER INFORMATION: u is uracil
330 <220> FEATURE:
331 <221> NAME/KEY: misc_feature
332 <222> LOCATION: (3)..(3)
333 <223> OTHER INFORMATION: y is pyrimidine
336 <400> SEQUENCE: 20
337 tuyagtaaac gcc 13
340 <210> SEQ ID NO: 21
341 <211> LENGTH: 13
342 <212> TYPE: DNA
343 <213> ORGANISM: Artificial sequence
345 <220> FEATURE:
346 <223> OTHER INFORMATION: Enhancing linker
348 <220> FEATURE:
349 <221> NAME/KEY: misc_feature
350 <222> LOCATION: (2)..(2)
351 <223> OTHER INFORMATION: y is pyrimidine

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/526,571

DATE: 02/13/2006  
TIME: 13:08:24

Input Set : A:\0380-P03584US0 seq listing.txt  
Output Set: N:\CRF4\02132006\J526571.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:10; N Pos. 2,3 ✓

Seq#:12; N Pos. 3 ✓

Seq#:17; N Pos. 2 ✓

Seq#:19; N Pos. 2 ✓

## VERIFICATION SUMMARY

DATE: 02/13/2006

PATENT APPLICATION: US/10/526,571

TIME: 13:08:24

Input Set : A:\0380-P03584US0 seq listing.txt

Output Set: N:\CRF4\02132006\J526571.raw

L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0